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ment, Manufacturing methods.

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DESCRIPTORS: *Chromium compounds, *Oxides,
Synthesis (Chemistry), Mercury alloys, Salts, Oxa-
lates, Formates, Carbonyl radicals, Decomposition,
Hydroxides, Dehydration, Solubility, Crystal structure.

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siderable mercury. They should be deleted from the
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DESCRIPTORS: *Atmosphere, *Tritium cosmic rays,
Fast neutrons, Protons, *Hydrogen, Radioactivation
analysis, Labeled substances.

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of cosmic rays is given. With the energy spectrum of
"evaporation" neutrons:

$N(E)dE = kEe^{-E}dE$ and the
spectrum of "fast" neutrons: $N(E)dE = zE^{-2}e^{-160E}dE$

the maximum possibility of tritium production by the
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